

FORM PTO-1390
(REV 10-94)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

10178.46USWO

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)
TO BE ASSIGNED 097101569

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/F197/00019

14 January 1997

15 January 1996

TITLE OF INVENTION

PACKET RADIO NETWORK WITH CHARGING INFORMATION COLLECTED BY NODES AND FORWARDED TO BILLING CENTRE

APPLICANT(S) FOR DO/EO/US

KARI, Hannu H. and HÄMÄKÄINEN, Jari

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [X] This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. [] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. [X] This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. [X] A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. [X] is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [X] has been transmitted by the International Bureau.
 - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US)
6. [] A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. [X] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. [] are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [] have been transmitted by the International Bureau.
 - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
 - d. [X] have not been made and will not be made.
8. [] A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. [X] An unsigned oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. [] A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. [X] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. [] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. [X] A FIRST preliminary amendment.
[] A SECOND or SUBSEQUENT preliminary amendment.
14. [] A substitute specification.
15. [] A change of power of attorney and/or address letter.
16. [] Other items or information:

TO BE ASSIGNED

PCT/FI97/00019

10178.46USWO

17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):**

Search Report has been prepared by the EPO or JPO.....\$930.00

International preliminary examination fee paid to USPTO
(37 CFR 1.492(a)(1)).....\$720.00No international preliminary examination fee paid to USPTO (37 CFR 1.482)
but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$790.00Neither international preliminary examination fee (37 CFR 1.482) nor
international search fee (37 CFR 1.445(a)(3)) paid to USPTO.....\$1,070.00International preliminary examination fee paid to USPTO (37 CFR 1.482)
and all claims satisfied provisions of PCT Article 33(2)-(4).....\$98.00**CALCULATIONS** PTO USE ONLY**ENTER APPROPRIATE BASIC FEE AMOUNT = \$1070**Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$0

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	13	-20 = 0	X \$22.00
Independent claims	1	-3 = 0	X \$82.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00

\$0

\$0

\$0

\$0

TOTAL OF ABOVE CALCULATIONS = \$1070Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity
Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).

\$0

SUBTOTAL = \$1070Processing fee of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)).

+ \$0

TOTAL NATIONAL FEE = \$1070Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

+ \$0

TOTAL FEES ENCLOSED = \$1070Amount to be
refunded \$

charged \$

a. ☒ Check in the amount of **\$1070** to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. **13-2725**.**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Michael B. Lasky
MERCHANT & GOULD
3100 Norwest Center
90 South Seventh Street
Minneapolis, MN 55403

SIGNATURE:

Michael B. Lasky

NAME

29,555
REGISTRATION NUMBER

12 Rec'd PCT/PTO 13 JUL 1998

Applicant: KARI, Hannu H. and HAMALAINEN, Jari

Docket: 10178.46USWO

Title: PACKET RADIO NETWORK WITH CHARGING INFORMATION COLLECTED BY NODES
AND FORWARDED TO BILLING CENTRE

CERTIFICATE UNDER 37 CFR 1.10

"Express Mail" mailing label number: EM022080632US

Date of Deposit: 13 July 1998

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 CFR 1.10 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

By: 
Name: Pat Zastrow

BOX PCT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ Utility Patent Application: Spec. 11 pgs; 13 claims; Abstract 1 pgs.
The fee has been calculated as shown below in the "Claims as Filed" table.
- ☒ 1 sheets of formal drawings
- ☒ An unsigned Combined Declaration and Power of Attorney
- ☒ A check in the amount of \$1070.00 to cover the Filing Fee
- ☒ Other: Transmittal Letter to the U.S. Designated/Elected Office (Form PTO 1390), Preliminary Amendment, Form PCT/IB/308, Information Disclosure Statement, Form 1449, copies of 5 references
- ☒ Return postcard

CLAIMS AS FILED

Number of Claims Filed	In Excess of:	Number Extra	Rate	Fee
Basic Filing Fee				\$1070.00
Total Claims				
13	20	0	22.00	\$0.00
Independent Claims				
1	3	0	82.00	\$0.00
MULTIPLE DEPENDENT CLAIM FEE				\$0.00
TOTAL FILING FEE				\$1070.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT, GOULD, SMITH, EDELL
WELTER & SCHMIDT3100 Norwest Center, Minneapolis, MN 55402
(612) 332-5300By: Name: Michael B. Lasky
Reg. No.: 29,555
Initials: MBL/ssh

Applicant: Kari, et al.
Serial No.: 09/101569
Filed: 13 July 1998 Docket: 10178.46USWO
Title: PACKET RADIO NETWORK WITH CHARGING INFORMATION COLLECTED BY NODES
AND FORWARDED TO BILLING CENTRE

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EL176165285US

Date of Deposit: 14 October 1998

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.

By: 

Name: Mark L. Green

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Signed Combined Declaration and Power of Attorney
- ☒ Check(s) in the amount of \$130, for Completion of Missing Requirements
- ☒ Other: Submission of Missing Requirements
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT, GOULD, SMITH, EDELL,
WELTER & SCHMIDT
3100 Norwest Center, Minneapolis, MN 55402
(612) 332-5300

By: 

Name: Michael B. Lašky
Reg. No.: 29,555
MBL/ssh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

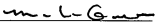
Applicant: Kari, et al.
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By: 
Name: Mark L. Green

SUBMISSION OF MISSING REQUIREMENTS

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In connection with the above-identified application, enclosed please find the originally signed Declaration and Power of Attorney document. Also enclosed is our check in the amount of \$130.00 to cover the Missing Requirements completion fee. To this date we have not yet received a Notification of Missing Requirements and, therefore, do not enclose a copy thereof herewith.

Respectfully submitted,

MERCHANT, GOULD, SMITH, EDELL,
WELTER & SCHMIDT, P.A.

3100 Northwest Center
90 South 7th Street
Minneapolis, MN 55402
(612) 332-5300

Dated: 14 October 1998

By: 

Michael B. Lasky
Reg. No. 29,555
MBL/ssb